

**NATIONAL PHASE  
UTILITY APPLICATION**  
**Transmittal to the (DO/EO/US)**  
**Under 35 USC 371**

Attorney Docket No.: SHIGA7.050APC  
First Named Inventor: Toru Takahashi  
Int'l Application No.: PCT/JP2004/017533  
Int'l Filing Date: November 18, 2004  
Priority Date Claimed: November 25, 2003 and September 8, 2004  
Title: CHEMICALLY AMPLIFIED POSITIVE  
PHOTOSENSITIVE THERMOSETTING RESIN  
COMPOSITION, METHOD OF FORMING CURED  
ARTICLE, AND METHOD OF PRODUCING  
FUNCTIONAL DEVICE  
Express Mail Label No.: EV 466895566 US

10/580065

**Direct all correspondence to Customer No.: 20995**Date: May 22, 2006  
Page 1 of 2**Mail Stop PCT**

United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

## Inventors:

1. Toru Takahashi
2. Naoya Katsumata
3. Hiroki Maeda

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as published (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) A copy of the International Search Report is attached hereto.
- (X) A copy of Form PCT/IB/304 is attached hereto.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 3 pages.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing 5 references.
  - (X) Enclosing 3 references.
- (X) Return prepaid postcard.

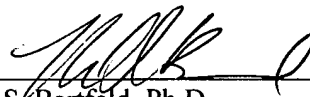
<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: SHIGA7.050APC First Named Inventor: Toru Takahashi Int'l Application No.: PCT/JP2004/017533 Int'l Filing Date: November 18, 2004 Priority Date Claimed: November 25, 2003 and September 8, 2004 Title: CHEMICALLY AMPLIFIED POSITIVE PHOTSENSITIVE THERMOSETTING RESIN COMPOSITION, METHOD OF FORMING CURED ARTICLE, AND METHOD OF PRODUCING FUNCTIONAL DEVICE Express Mail Label No.: EV 466895566 US
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Date: May 22, 2006 Page 2 of 2	

**FILING FEES:**

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) ( <i>enter one in TOTAL column</i> )				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$0)		\$400
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) ( <i>enter one in TOTAL column</i> )				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$0)		\$200
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	20 - 20 = 0	1615 (\$50)	0 x 50 =	\$0
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Multiple Dep. Claim		1616 (\$360)		\$360
			<b>TOTAL FEE DUE</b>	<b>\$1,260</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>N/A</b>

(X) A check in the amount of **\$1,260** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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**SUBMISSION BY "EXPRESS MAIL"**


**Attorney Docket No.** : SHIGA7.050APC  
**Applicant(s)** : Takahashi et al.  
**For** : CHEMICALLY AMPLIFIED POSITIVE  
PHOTOSENSITIVE THERMOSETTING  
RESIN COMPOSITION, METHOD OF  
FORMING CURED ARTICLE, AND  
METHOD OF PRODUCING FUNCTIONAL  
DEVICE  
**Agent** : Neil S. Bartfeld, Ph.D.  
**"Express Mail" Label No.** : EV 466895566 US  
**Date of Deposit** : May 22, 2006

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; copy of the International Application as published; copy of the International Search Report; copy of Form PCT/IB/304; Preliminary Amendment in 3 pages; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent with 5 references listed, 3 references enclosed; Check(s) for Filing Fee(s); Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.

  
\_\_\_\_\_  
Name: Vanessa C. Langer  
Docketing Agent

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